07/471287

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	Group Art Unit:
GEORGE A. BROOKS	Examiner:
Serial No.	INFORMATION DISCLOSURE STATEMENT 37 C.F.R. 1.97
Filed: 01/26/90	
For: METHOD AND COMPOSITION FOR NUTRITIONAL SUPPLEMENTATION DURING EXERCISE AND RECOVERY	2001 Ferry Building San Francisco, CA 94111 (415) 433-4150

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to the guidelines for Information Disclosure Statements published in 37 C.F.R. 1.97 through 1.99, effective January 20, 1983, the applicant lists references herein and on the attached form PTO-1449 which may be relevant to the subject matter of the above-identified application. A copy of each listed reference is attached. The Examiner is requested to make these citations a part of the official record in this application.

Remarks

The above-identified application discloses and claims a novel method and nutritional supplement composition employing at least one lactic acid salt to improve a mammal's fluid, electrolyte and carbohydrate balance during exercise and subsequent recovery.

The citations listed below may be material to the examination of the above-identified application, and are, therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. 1.56.

Many of these references were cited in the Background Art section of the present application. While the applicant discussed what was perceived to be the general relevance of each listed reference therein, the Examiner is respectfully requested to examine each reference and make an independent assessment of its relevance to the present application.

Brooks, G.A., Comparative Physiology and Biochemistry: Current Topics and Trends, Volume A, Circulation, Respiration, and Metabolism, R. Gilles (ed.), Springer Verlag, Heidelberg, (1985)

Brooks, G.A., Med. Sci. Sports Exerc. 18:360-368 (1986)

Brooks, G.A., Federation Proc. 45:2924-2929 (1986)

Biochemical Aspects of Physical Exercise, Brooks, G.A. et al. (eds.), Elsevier, Amsterdam, 1986)

Brooks, G.A. in Exercise: Benefits, Limits and Adaptation, Macleod, D. et al. (eds.), E. & F.N. Spon, London (1987)

Brooks, G.A. and C.M. Donovan, Am. J. Physiol. 244:E505-512 (1983)

Brooks, G.A. and D.A. Roth, Med. Sci. Sports Exerc. 21(2):S35-207 (1989)

Corsi, A. et al., Am. J. Physiol 223:219-222 (1972)

Davis, M.A. et al., Am. J. Physiol. 247(Endocrinol. Metab. 10):E362-E369 (1984)

Depocas, F. et al., Can. J. Physiol. Pharmacol. 47:603-610 (1969)

Deuticke, B. et al., Biochem. Biophys. Acta 507:137-155 (1978)

Dohm, G.L> et al., J. Appl. Physiol. 61(4):1363-1368 (1986)

Donovan, C.M. and G.A. Brooks, Am. J. Physiol. 244:E83-E92 (1983)

Fishbein, W.N., Science 234:1254-1256 (1986)

Foster, D.W., Diabetes 33:1188-1199 (1984)

Gaesser, G.A. and G.A. Brooks, Med. Sci. Sports Exerc. 16:29-43 (1984)

Gertz, E.W. et al., Circulation 63:1273-1279 (1981)

Gertz, E.W. et al., J. Clin. Invest. 82:2017-2025 (1988)

Gladden, L.B. and J.W. Yates, J. Appl. Physiol. 54:1254-1260 (1983)

Granata, A.L. et al., Pflugers Archiv. 366:247-250 (1976)

Hildmann, B. et al., Biochem. J. 186:169-176 (1980)

Hughson, R.L. et al., J. Appl. Physiol. 62(5):1975-1981 (1987)

Hultman, E.H., Acta Physiol. Scand. 128(Suppl 556):75-82 (1986)

Johnson, J.A. and R.M. Fusaro, Advan. Metab. Disorders 6:1-55 (1972)

Jorfeldt, L., Muscle Metabolism During Exercise, Pernow, B. and B. Saltin (eds.), Plenum Press (1971)

Juel, C., Acta Physiol. Scand. 132:363-371 (1988)

Mazzeo, R.S. et al., Biomed. Mass. Spectrom. 9:310-314 (1982)

Mazzeo, R.S. et al., J. Appl. Physiol. 60:232-241 (1986)

Murray, R., Sports Med. 4:322-351 (1987)

Nadel, E.R. and S.R. Bussolari, American Scientist 76:350-360 (1988)

Newgard, C.B. et al., J. Biol. Chem. 258:8046-8052 (1983)

Newgard, C.B. et al., J. Biol. Chem. 259:6958-6963 (1984)

Roth, D.A. and G.A. Brooks, Med. Sci. Sports Exerc. 21(2):S35-206 (1989)

Smadja, C. et al., Am. J. Physiol. 254(Endocrinol. Metab. 17):E407-E413 (1988)

Stanley, W.C. et al., Am. J. Physiol. 249:E595-E602 (1985)

Stanley, W.C. et al., J. Appl. Physiol. 60:1116-1120 (1986)

Stanley, W.C. et al., Metabolism 37:850-858 (1988)

Storelli, C. et al. Pflugers Arch. 388:11-16 (1980)

Wasserman, D.H. et al., J. Appl. Physiol. 63:2411-2417 (1987)

Watt, P.W. et al., Biochem. Biophys. Acta 944:213-222 (1988)

Wilson, T.H., J. Biol. Chem. 222:751-763 (1956)

This Information Disclosure Statement provided under 37 C.F.R. 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citation constitutes prior art.

The applicant respectfully urges that the invention disclosed and claimed in the application identified above is distinct from the references disclosed herein.

Respectfully submitted,
LIMBACH, LIMBACH & SUTTON

Date: 16 January 1990

By: _____
James C. Weseman
Reg. No. 30,507

Atty Docket No.
STIM-1000

Attorneys for Applicant